



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Gly-Arg-Gly-Asp-Ser acetate(96426-21-0 free base)

Chemical Properties

CAS No. :

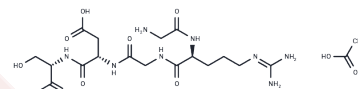
Formula: C19H34N8O11

Molecular Weight: 550.52

Appearance: no data available

Storage: keep away from moisture

Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Gly-Arg-Gly-Asp-Ser (GRGDS) acetate is a cell binding protein domain derived from the cell-binding region of fibronectin.
Targets(IC50)	Integrin
In vitro	Gly-Arg-Gly-Asp-Ser binds to integrin receptors $\alpha\beta 3$, with IC50 of 5 μM [1]. Gly-Arg-Gly-Asp-Ser-immobilized TiO2 nanotubes enhance osteoblast-like cell (MG-63) adhesion, and significantly increased cell spreading and proliferation[2].

Solubility Information

Solubility	DMSO: Insoluble, H2O: 10 mM, (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8165 mL	9.0823 mL	18.1646 mL
5 mM	0.3633 mL	1.8165 mL	3.6329 mL
10 mM	0.1816 mL	0.9082 mL	1.8165 mL
50 mM	0.0363 mL	0.1816 mL	0.3633 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Bernhagen D, et al. High-Affinity RGD-Knottin Peptide as a New Tool for Rapid Evaluation of the Binding Strength of Unlabeled RGD-Peptides to $\alpha\beta 3$, $\alpha\beta 5$, and $\alpha 5\beta 1$ Integrin Receptors. Anal Chem. 2017 Jun 6;89(11):5991-5997.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481